



Modified 02-03

PTO/SB/21 (01-03)
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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application / Conf. No. | 10/618,329 / 5287 |
| | Filing Date | July 11, 2003 |
| | First Named Inventor | Andy T. Nguyen |
| | Examiner Name | Unknown |
| | Art Unit | 2816 |
| | Patent No. | |
| Mail Stop: MISSING PARTS | Attorney Docket Number | X-1464 US |
| Express Mail Receipt No. | | |
| Total Number of Pages in This Submission | | |

| ENCLOSURES (check all that apply) | | |
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| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet) | <input type="checkbox"/> After Allowance Communication to |
| <input type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Declaration / Oath | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Preliminary Amendment | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Affidavit(s)/declaration(s) | <input type="checkbox"/> Petition - | <input checked="" type="checkbox"/> Return Receipt Postcard |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> To Convert a Provisional Application | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) | | |
| <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

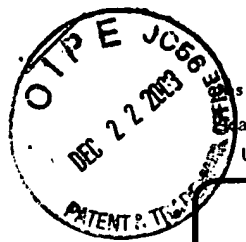
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | |
|-------------------------|----------------------------|---|
| Firm or Customer Number | 24309 (Customer Number) | Reg. Number 40,941 |
| Attn: Lois D. Cartier | | |
| Signature | | |
| Date | December 17, 2003 | Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040 |

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| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date December 17, 2003 | | | |
| Typed or Printed Name | Pat Slaback | | |
| Signature | | Date | December 17, 2003 |

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



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PTO/SB/05 (03-01)

Approved for use through 10-31-2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|--|
| Attorney Docket No. | X-1464 US |
| First Inventor | Andy T. Nguyen |
| Title | Counter-Based Clock Doubler Circuits and Methods with Optional Duty Cycle Correction and Offset |
| Express Mail Label No. | EV 000382256 US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents
P.O. Box 1450, Mail Stop Patent Application
Alexandria, Virginia 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **34**]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets **12**]
4. Oath or Declaration [Total Pages **01**]
 - a. ☒ Newly Executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☒ Application Data Sheet. See 37 CFR 1.76

6. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Copy (CRC)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☒ Nonpublication Request under 35 U.S.C 122 (b)(2)(B). Applicant must attach form PTO/SB/35 or its equivalent.
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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or ☐ Correspondence address below

| | | | | | |
|---------|------------------------------|-----------|---------------------|----------|---------------------|
| Name | Attn: Lois D. Cartier | | | | |
| Address | | | | | |
| City | | State | | Zip Code | |
| Country | | Telephone | 720-652-3733 | Fax | 408-377-6137 |

| | | | |
|-------------------|------------------------|-----------------------------------|----------------------|
| Name (Print/Type) | Lois D. Cartier | Registration No. (Attorney/Agent) | 40,941 |
| Signature | | Date | July 11, 2003 |

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Mail Stop PATENT APPLICATION

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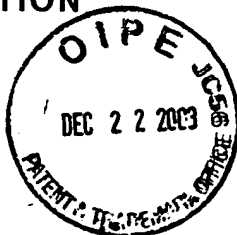
P. O. Box 1450

Alexandria, Virginia 22313-1450

Inventor(s): Andy T. Nguyen

Assignee: XILINX, INC.

Title: Counter-Based Clock Doubler Circuits and Methods with Optional Duty Cycle Correction and Offset



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Docket No.: X-1464 US

Enclosed:

34 page(s) Specification, which includes: 08 page(s) Claims and 1 page Abstract
12 page(s) Drawings - (formal) Figs.: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18
02 page(s) Application Data Sheet
01 page(s) Declaration [signed]
01 page(s) Assignment X Recordation Cover Sheet (Assignment)
X Transmittal Letter and Fee Transmittal Sheet (IN DUPLICATE)
X Non-Publication Request
X Return Receipt Postcard
X Other: Substitute for Form 1449A/PTO citing one (1) reference; copy of reference

Date: July 11, 2003

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Mail Stop PATENT APPLICATION

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P. O. Box 1450

Alexandria, Virginia 22313-1450

Inventor(s): Andy T. Nguyen

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02 page(s) Application Data Sheet
01 page(s) Declaration [signed]
01 page(s) Assignment X Recordation Cover Sheet (Assignment)
X Transmittal Letter and Fee Transmittal Sheet (IN DUPLICATE)
X Non-Publication Request
X Return Receipt Postcard
X Other: Substitute for Form 1449A/PTO citing one (1) reference; copy of reference

Date: July 11, 2003

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